

WHAT IS CLAIMED IS:

1. A video system comprising:

(A) image pickup means for converting an optical image into a video signal;

5 (B) image pickup direction changing means for changing an image pickup direction of said image pickup means;

(C) image display means for displaying the video signal output from said image pickup means; and

10 (D) function display means for displaying function information of said image pickup means.

2. A system according to claim 1, wherein said image pickup direction changing means changes the image pickup direction in a pan or tilt direction.

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3. A system according to claim 1, wherein an image displayed by said image display means and the function information displayed by said function display means are displayed on the same image display means.

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4. A system according to claim 3, wherein the function information is information of a movable range of said image pickup direction changing means.

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5. A system according to claim 3, wherein said image pickup means comprises zooming means, and the

function information is information of a movable range of said zooming means.

6. A system according to claim 3, wherein the  
5 information associated with the image pickup element is a size of an image on the image pickup element.

7. A system according to claim 3, wherein the  
function information is information of an iris of said  
10 image pickup means.

8. A system according to claim 1, wherein the  
function information is information of a movable range of said image pickup direction changing means.  
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9. A system according to claim 1, wherein said  
image pickup means comprises zooming means, and the  
function information is information of a movable range of said zooming means.  
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10. A system according to claim 1, wherein the  
function information is information associated with an  
image pickup element of said image pickup means.

11. A system according to claim 10, wherein the  
25 information associated with the image pickup element is a size of an image on the image pickup element.

12. A system according to claim 1, wherein the function information is information of an iris of said image pickup means.

5           13. A system according to claim 1, wherein the function information is form information of a video signal of said image pickup means.

14. A video system comprising:

10           (A) image pickup means for converting an optical image into a video signal;

            (B) image pickup direction changing means for changing an image pickup direction of said image pickup means;

15           (C) first storage means for storing the video signal output from said image pickup means as a still image;

            (D) still image display means for displaying the still image stored in said first storage means;

20           (E) moving image display means for displaying a moving image output from said image pickup means;

            (F) designation means for designating a position on the still image displayed by said still image display means; and

25           (G) control means for controlling said image pickup direction changing means so that the position

designated by said designation means becomes a predetermined position of an image.

15           15. A system according to claim 14, further comprising second storage means for storing position of an optical image on the still image displayed by said still image display means when the still image is photographed.

10           16. A system according to claim 14, wherein the still image displayed by said still image display means and the moving image displayed by said moving image display means are displayed on the same image display means.

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          17. A system according to claim 16, wherein said image pickup direction changing means changes the image pickup direction in a pan or tilt direction.

20           18. A system according to claim 16, wherein said image pickup means comprises a zooming means, and said control means controls said zooming means.

25           19. A system according to claim 14, wherein said image pickup direction changing means changes the image pickup direction in a pan or tilt direction.

20. A system according to claim 14, wherein said image pickup means comprises a zooming means and said control means controls said zooming means.

5           21. A system according to claim 14, further comprising:

          compression means for compressing the video signal output from said image pickup means; and

          expansion means for expanding the video signal  
10 compressed by said compression means.

22. A system according to claim 14, wherein said first and second storage means comprise nonvolatile memories.

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23. A video system comprising:

(A) image pickup means for converting an optical image into a video signal;

(B) image pickup direction changing means for  
20 changing an image pickup direction of said image pickup means;

(C) storage means for storing a video signal within an imageable region of said image pickup means changeable the image pickup direction by said image  
25 pickup direction changing means; and

(D) display means for displaying the video signal stored in said storage means.

24. A system according to claim 23, wherein said storage means stores a still image.

25. A system according to claim 23, further  
5 comprising:

synthesization means for synthesizing a plurality of video signals stored in said storage means into a single image.

10 26. A system according to claim 23, further comprising:

photographing prohibition range setting means for designating a photographing prohibition range of an image displayed on said display means.

15 27. A system according to claim 23, wherein said storage means comprises a nonvolatile memory.